

MONTHLY BULLETIN
OF
THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY
SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JUNE, 1934

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JUNE 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.2	63.4	64.1	63.6	24.7	19.8	22.3	23.3	20.1	21.9
2	3.5	2.6	2.0	2.7	27.4	18.4	23.7	26.1	21.3	23.7
3	1.1	0.1	58.8	0.0	28.5	19.1	24.3	26.9	22.7	24.6
4	59.3	58.8	9.3	59.0	29.2	22.4	25.6	28.7	22.3	23.8
5	61.4	61.2	61.4	61.3	28.8	19.7	25.3	27.6	22.0	24.9
6	62.0	61.1	60.9	61.3	28.9	19.4	26.0	27.7	23.3	23.6
7	59.3	58.0	58.3	58.5	30.5	21.2	27.4	29.8	24.2	27.1
8	6.4	6.2	5.3	5.9	32.2	22.7	27.3	31.0	25.2	24.5
9	4.7	4.5	4.2	4.5	32.4	23.7	28.5	30.6	25.7	24.9
10	4.7	5.3	6.0	5.3	29.9	23.4	26.1	29.3	24.5	26.6
11	56.3	56.8	57.4	56.8	30.1	22.6	26.6	29.4	23.9	26.6
12	6.5	5.6	6.2	6.1	33.5	22.6	27.6	32.1	25.7	25.1
13	7.4	7.2	5.6	6.7	32.3	22.8	26.3	30.1	24.8	23.7
14	4.3	3.7	4.9	4.3	30.8	23.8	26.2	29.5	24.4	27.3
15	6.3	3.8	7.9	7.0	30.1	22.8	26.4	29.1	23.7	26.4
16	58.8	59.8	60.6	59.7	29.7	20.9	27.2	29.0	23.8	26.7
17	61.7	61.2	1.4	61.4	29.7	21.6	26.6	28.9	23.5	26.3
18	0.0	59.8	59.0	59.6	30.3	21.1	26.6	29.2	24.1	26.6
19	57.2	60.4	3.8	7.1	30.8	21.6	27.4	30.4	25.1	27.6
20	5.4	55.6	6.7	5.9	29.5	23.7	27.1	28.6	23.8	26.5
21	58.1	58.0	59.3	58.5	29.0	21.2	26.8	28.4	23.1	26.1
22	9.7	9.1	8.7	9.2	29.4	20.4	26.1	28.2	23.7	26.0
23	8.1	7.8	7.4	7.8	29.3	21.1	26.4	28.1	23.3	25.9
24	6.2	6.1	6.7	6.3	29.4	21.3	26.8	28.4	24.1	26.4
25	6.3	6.2	6.1	6.2	30.8	21.8	27.1	30.0	24.6	27.2
26	56.2	55.7	55.6	55.8	31.3	22.3	28.2	30.4	24.7	23.3
27	4.9	4.6	4.8	4.8	30.9	22.0	27.5	30.0	24.8	27.4
28	4.3	3.9	4.4	4.2	30.8	22.1	27.6	29.6	24.9	27.4
29	4.5	4.4	5.1	4.7	31.2	22.7	27.6	30.2	24.8	27.5
30	5.6	6.2	6.4	6.1	30.6	21.7	27.6	29.4	24.3	27.1
	757.78	757.67	757.61	757.68	30.07	21.66	26.61	29.00	23.88	52.49

Barometer, range for month 754.3 - 763.5 mm.

„ 50-yr. average for month 758.151 mm.

Thermometer, Range for month 18.4° - 33.5° C.

„ 50-yr. average for month 25.38° C.

Rain, total for month 1.78 m.m.

„ , 50-yr average for month 3.81 mm.

„ , total, Sept. 1st to end of month 610.14 mm.

„ , 50-yr. average, Sept. 1st to end of month 906.54 mm

JUNE 1934

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	18.9	18.9	17.8	13.8	13.2	13.5	13.5	68	62	77	69	12.6	
2	19.6	20.8	19.0	14.0	14.6	14.7	14.4	64	58	77	66	12.9	
3	19.8	22.7	20.2	14.0	17.2	15.8	15.7	62	65	77	68	13.2	
4	21.9	23.3	21.1	16.8	17.1	17.6	17.2	69	58	88	72	8.0	
5	21.9	24.1	20.9	16.9	18.0	17.6	17.5	71	66	90	76	13.0	
6	22.4	22.7	21.7	17.3	17.8	17.9	17.7	69	65	84	73	12.8	
7	22.3	24.8	22.8	16.2	19.3	19.5	18.3	59	61	87	69	13.0	
8	24.2	25.6	21.8	19.8	19.9	16.8	18.8	73	59	71	68	12.8	
9	24.2	23.4	21.3	18.9	16.2	15.6	16.9	65	50	63	59	12.6	
10	28.7	25.3	22.5	19.9	20.6	18.6	19.7	79	67	82	76	12.0	
11	23.3	24.8	22.1	18.7	19.4	18.3	18.8	72	63	83	73	12.2	
12	22.1	23.6	22.7	15.8	15.5	18.1	16.5	58	43	74	58	12.6	
13	23.6	26.1	22.8	19.4	21.7	18.9	20.0	76	68	81	65	12.0	
14	23.7	25.1	23.1	18.2	19.9	20.3	19.5	64	64	87	73	12.4	
15	22.9	22.8	20.7	17.9	16.0	16.0	16.6	70	53	74	66	12.6	
16	21.1	22.8	21.0	14.4	16.2	16.4	15.4	53	54	74	60	13.0	
17	21.9	23.2	21.1	16.1	16.8	16.7	16.5	62	59	78	66	13.2	
18	22.7	24.2	22.1	17.5	18.5	18.2	18.1	67	61	81	70	13.0	
19	23.7	25.0	23.1	18.7	19.1	19.4	19.1	69	59	81	70	12.1	
20	22.0	22.3	20.3	15.9	15.5	15.2	15.5	59	53	69	60	6.0	1.78
21	22.1	22.8	20.6	16.3	16.4	16.0	16.2	61	57	76	65	12.2	
22	22.0	23.4	21.7	16.5	17.6	17.8	17.3	65	61	82	69	12.6	
23	22.3	22.5	21.2	16.9	16.2	17.1	16.7	66	57	80	68	12.5	
24	22.4	23.1	21.5	16.7	16.9	17.0	16.9	63	58	77	66	12.8	
25	23.3	24.6	22.5	18.2	18.5	18.5	18.4	69	59	81	70	13.4	
26	23.8	24.6	22.5	18.4	18.4	18.5	18.4	65	57	80	67	13.0	
27	24.2	24.9	22.7	19.7	19.2	18.8	19.2	72	60	81	71	13.2	
28	23.6	24.8	22.9	18.5	19.3	19.2	19.0	68	62	82	71	13.3	
29	23.3	24.8	22.7	17.9	18.8	18.7	18.5	66	59	81	69	13.2	
30	23.2	23.7	21.7	17.6	17.4	17.2	17.4	65	57	76	66	13.3	
	22.54	23.69	21.60	17.23	17.71	17.46	17.47	66.3	59.2	79.1	68.3	12.38	0.59

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	10cu	10cu	0	6.7	1sw	1w	0	64.7	light	
2	2ci	0	0	0.7	0	2s	1sw	83.1	calm	
3	0	0	0	0.0	1sw	1e	0	89.0	light	
4	3ci	6ci	2ci	3.7	1sw	1sw	0	91.9	"	
5	1cu	0	0	0.3	2sw	1sw	1sw	269.0	calm	
6	1ci	0	0	0.3	0	1sw	1e	51.7	light	
7	0	1ci	0	0.3	1sw	1w	1sw	48.6	"	
8	0	0	0	0.0	1sw	1w	0	156.4	calm	
9	5ci	7cu	0	4.0	1sw	2sw	1w	184.2	"	
10	0	0	0	0.0	4sw	3sw	3w	770.3	light	
11	1cu	1cu	0	0.7	3sw	2sw	1w	620.0	slight	
12	0	0	0	0.0	1sw	2sw	1e	593.3	light	
13	0	2ci	1ci	1.0	1sw	0	2sw	420.2	calm	
14	6ci	4st	0	3.3	2e	2ne	1w	239.4	mod	
15	0	1ci	6cu	2.3	1sw	2sw	1w	322.1	slight	
16	0	2cu	4cu	2.0	2sw	2sw	0	136.8	slight	
17	4cu	3cu	2cu	3.0	1sw	1sw	1w	161.9	light	
18	0	1ci	0	0.3	1nw	1w	0	139.0	slight	
19	0	0	0	0.0	1sw	1sw	1w	336.6	light	
20	2cu	2cu	3cu	2.3	2sw	3sw	2sw	384.1	stormy	tr. of rain in p.m.
21	4cu	1cu	0	1.7	2sw	3sw	0	556.0	mod.	
22	1cu	0	0	0.3	1sw	1w	1sw	73.7	light	
23	0	0	0	0.0	1s	1sw	0	119.9	"	
24	1cu	2cu	9cu	4.0	2sw	1sw	1w	189.8	slight	
25	1cu	2cu	0	1.0	1sw	1sw	0	206.3	light	
26	0	0	0	0.0	1sw	1sw	0	235.4	"	
27	5cu	1cu	0	2.0	3sw	1sw	1w	261.7	calm	
28	1cu	0	0	0.3	2sw	3sw	3sw	574.9	"	
29	1cu	1cu	0	0.7	2sw	3sw	1w	304.9	light	
30	0	0	0	0.0	3sw	3sw	1sw	486.5	slight	
				13.63	45	50	76	282.4		
					1.5	1.7	0.9			

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	1	0	1	25	0	1	2	30
14:30	0	1	1	0	1	21	5	0	1	30
20:30	0	0	2	0	0	8	10	0	10	30
Totals	0	1	4	0	2	54	15	1	13	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 0.8